

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"6180946" and quantum and demagnification and photons and screen and signal	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 11:19
L2	1	"6180946" and quantum and demagnification and photons and screen and signal and gain	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 12:00
L3	35	(US-20020070349-\$).did. or (US-4142101-\$ or US-4503460-\$ or US-5023896-\$ or US-5138642-\$ or US-5235191-\$ or US-5377253-\$ or US-5412705-\$ or US-5438604-\$ or US-5559849-\$ or US-5574284-\$ or US-5723865-\$ or US-5866907-\$ or US-5878107-\$ or US-5970115-\$ or US-6151382-\$ or US-6180946-\$ or US-6192105-\$ or US-6215848-\$ or US-6226351-\$ or US-6314160-\$ or US-6437339-\$ or US-6448544-\$ or US-6496309-\$ or US-6627897-\$ or US-6946665-\$).did. or (US-4901337-\$ or US-5377253-\$ or US-6031892-\$ or US-5864146-\$ or US-5723865-\$ or US-5970115-\$ or US-6215848-\$ or US-6226351-\$ or US-6192105-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/12/08 11:26
L4	2	L3 and (transfer same photons) and (pixel same frame) and (screen or scintillator) and sensors	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 11:50
L5	0	L3 and (transfer same photons) and (pixel same frame) and (screen or scintillator) and sensors and noise and amplifier	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 11:50
L6	0	L3 and (transfer same photons) and (pixel same frame) and (screen or scintillator) and sensors and noise and ampl\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 11:50
L7	1	"6180946" and quantum and limit and demagnification and photons and screen and signal and gain	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 12:06
L8	0	"6180946" and quantum and limit and demagnification and photons and screen and signal and gain and gas and cooling	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 12:06

L9	0	"6180946" and quantum and limit and demagnification and photons and screen and signal and gain and cooling	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 12:06
L10	1	"6180946" and quantum and limit and demagnification and photons and screen and signal and gain and cool\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 12:08
L11	0	"6180946" and quantum and limit and demagnification and photons and screen and signal and gain and cool\$4 and gas	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 12:06
L12	3	"6448544" and cool\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 12:08
L26	191	250/370.13.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 12:52
L27	120	250/591.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 12:52
L28	151	250/526.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 12:52
L29	0	250/527.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 12:52
L30	472	250/366.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 12:52
L31	523	250/367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 12:52
L32	1	L26 and scintillator and (CCD) and (PMT)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 12:54
L33	1	L27 and scintillator and (CCD) and (PMT)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 12:53

L34	0	L28 and scintillator and (CCD) and (PMT)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 12:53
L35	0	L29 and scintillator and (CCD) and (PMT)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 12:53
L36	5	L30 and scintillator and (CCD) and (PMT)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 12:53
L37	9	L31 and scintillator and (CCD) and (PMT)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 12:53
L38	3	("4435830"   "4802195").PN. OR ("5808306").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/08 12:53
L39	196	(scintillator or screen) and CCD and PMT and lens and pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 12:54
L40	1	L26 and L39	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 12:54
L41	2	L27 and L39	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 12:54
L42	0	L28 and L39	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 12:54
L43	0	L29 and L39	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 12:54
L44	1	L30 and L39	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 12:54
L45	3	L31 and L39	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 12:54

S1	50	"4142101"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 09:48
S2	21	"4503460"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 09:48
S3	13	"4901337"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 09:48
S4	21	"5138642"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 09:48
S5	22	"5235191"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 09:49
S6	3	"5377253"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 09:49
S7	12	"5412705"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 09:49
S8	6	"5438604"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 09:49
S9	3	"5559849"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 09:49
S10	5	"5723865"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 09:50
S11	41	"5864146"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 09:50
S12	7	"5878107"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 09:50

S13	26	"5970115"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 09:50
S14	22	"6031892"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 09:51
S15	3	"6192105"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 09:51
S16	9	"6215848"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 09:51
S17	5	"6226351"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 09:51
S18	3	"6314160"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 09:52
S19	24	(US-4142101-\$ or US-4503460-\$ or US-5138642-\$ or US-5235191-\$ or US-5377253-\$ or US-5412705-\$ or US-5438604-\$ or US-5559849-\$ or US-5723865-\$ or US-5878107-\$ or US-5970115-\$ or US-6192105-\$ or US-6215848-\$ or US-6226351-\$ or US-6314160-\$).did. or (US-4901337-\$ or US-5377253-\$ or US-5723865-\$ or US-5864146-\$ or US-5970115-\$ or US-6031892-\$ or US-6192105-\$ or US-6215848-\$ or US-6226351-\$).did.	USPAT; DERWENT	OR	ON	2005/12/07 09:52
S20	0	S19 and scintillator and (CCD) and (PMT)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 12:53
S21	669	250/370.11.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/08 12:52
S22	0	S20 and S21	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 09:55

S23	3	S21 and fluoroscopy\$4 and avalanche	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 09:59
S24	1313	Grady.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 09:59
S25	5	S24 and fluoroscopy	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 09:59
S26	932	250/370.09.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 10:12
S27	2	250/370\$.ccls. and scintillator and CCD and PMT and lens	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 10:30
S28	4	("5783829").PN. OR ("6180946").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/07 10:16
S29	1	250/370\$.ccls. and scintillator and CCD and PMT and lens and (image same sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 12:50
S30	1	250/370\$.ccls. and scintillator and CCD and PMT and lens and (image same sensor) and pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:05
S31	2	250/370\$.ccls. and scintillator and CCD and PMT and lens and pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:00
S32	195	(scintillator or screen) and CCD and PMT and lens and pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:01
S33	12	(scintillator or screen) and CCD and PMT and lens and pixel and fluoros\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:02
S34	60	(scintillator or screen) and CCD and PMT and lens and pixel and avalanche	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:07

S35	158	CCD and PMT and lens and pixel and avalanche	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 12:13
S36	0	250/370\$.ccls. and S35	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 14:56
S37	28	(scintillator or screen) and CCD and PMT and lens and pixel and avalanche and quantum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:41
S38	189	(scintillator or screen) and CCD and lens and pixel and avalanche and quantum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:25
S39	0	250/370\$.ccls. and S38	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:22
S40	19	250\$.ccls. and S38	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:26
S41	52	250\$.ccls. and S35	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:12
S42	19	250\$.ccls. and S38	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:23
S43	189	(scintillator or screen or CSI) and CCD and lens and pixel and avalanche and quantum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:25
S44	19	250\$.ccls. and S43	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:27
S46	7	scintillator and CCD and (lens adj array) and avalanche	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:30
S49	10	scintillator and CCD and ("non-avalanche" or non same avalanche)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:32



S50	2259	scintillator and CCD and lens ("non-avalanche" or non same avalanche)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:32
S51	3	scintillator and CCD and lens and ("non-avalanche" or non same avalanche)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:32
S52	5	"6180946"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 12:27
S53	0	S52 and S37	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:41
S54	28	((scintillator or screen) and CCD and lens and pixel and avalanche and quantum) and S37	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:42
S59	4	S19 and scintillator and (CCD)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:43
S60	0	S19 and scintillator and (CCD) and (lens adj array)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:43
S61	3	S19 and scintillator and (CCD) and (lens)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:46
S63	2	S19 and scintillator and (CCD) and (lens) and multipl\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 11:46
S64	24	scintillator and CCD and lens and pixel and avalanche and (gain or multipl\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 12:41
S65	4989	"6180946" pixel and lens and photon	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 12:27
S66	1	"6180946" and pixel and lens and photon	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 12:27



S68	3	scintillator and CCD and lens and pixel and avalanche and (gain or multipl\$4) and (pixel same frame)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 13:56
S69	8	250\$.ccls. and (("non-avalanche") or (non adj avalance))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 13:55
S70	616	250\$.ccls. and Peltier	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 12:53
S71	6	Peltier and S35	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 12:53
S72	32	(US-20020070349-\$).did. or (US-4142101-\$ or US-4503460-\$ or US-5138642-\$ or US-5235191-\$ or US-5377253-\$ or US-5412705-\$ or US-5438604-\$ or US-5559849-\$ or US-5723865-\$ or US-5878107-\$ or US-5970115-\$ or US-6192105-\$ or US-6215848-\$ or US-6226351-\$ or US-6314160-\$ or US-6437339-\$ or US-6151382-\$ or US-6180946-\$ or US-5866907-\$ or US-6946665-\$ or US-5574284-\$ or US-6496309-\$).did. or (US-4901337-\$ or US-5377253-\$ or US-5723865-\$ or US-5864146-\$ or US-5970115-\$ or US-6031892-\$ or US-6192105-\$ or US-6215848-\$ or US-6226351-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/12/07 13:17
S73	9	S72 and quantum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 13:17
S74	1699	250\$.ccls. and (("non-avalanche") or (non adj avalance) or avalanche)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 14:16
S75	14	scintillator and CCD and lens and pixel and S74	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 15:06
S76	121	scintillator and CCD and lens and pixel and cool\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 14:05

S77	61	250\$.cccls. and S76	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 14:04
S78	6	scintillator and CCD and lens and pixel and (avalanche and (gain or multipl\$4)) and cool\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 14:08
S79	1	scintillator and CCD and lens and pixel and (avalanche same (gain or multipl\$4)) and cool\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 14:08
S80	33	(US-20020070349-\$).did. or (US-4142101-\$ or US-4503460-\$ or US-5138642-\$ or US-5235191-\$ or US-5377253-\$ or US-5412705-\$ or US-5438604-\$ or US-5559849-\$ or US-5723865-\$ or US-5878107-\$ or US-5970115-\$ or US-6192105-\$ or US-6215848-\$ or US-6226351-\$ or US-6314160-\$ or US-6437339-\$ or US-6151382-\$ or US-6180946-\$ or US-5866907-\$ or US-6946665-\$ or US-5574284-\$ or US-6496309-\$ or US-6627897-\$).did. or (US-4901337-\$ or US-5377253-\$ or US-5723865-\$ or US-5864146-\$ or US-5970115-\$ or US-6031892-\$ or US-6192105-\$ or US-6215848-\$ or US-6226351-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/12/07 14:16
S81	9	S80 and (("non-avalanche") or (non adj avalance) or avalanche)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 14:22
S82	14	("3944835"   "4479061"   "4503460"   "5235191").PN. OR ("5412705").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/07 14:22
S83	1	Peltier and (pixel same second) and photosensor and S35	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 15:05
S84	0	Peltier and (pixel same second) and photosensor and (("non-avalanche") or (non adj avalance))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 15:05
S87	1	(pixel same second) and photosensor and S35	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 15:06

S92	1	scintillator and lens and ("non-avalanche") or (non adj avalanche))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 15:11
S93	19	("3271608"   "3466388"   "3668396"   "4161755"   "4658413"   "4669105"   "4736397"   "4852139"   "4860093"   "4888521").PN. OR ("5023896").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/07 15:08
S95	1	scintillator and lens and S93	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 15:09
S96	8	scintillator and lens and (multiplication same (CCD or PMT))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 15:11
S97	6	(image adj sensor) and ("non-avalanche") or (non adj avalanche))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 15:18
S98	24	("4472728"   "4609823"   "4692626"   "4885620"   "4950906"   "5029337"   "5138642"   "5140162"   "5142557"   "5235402"   "5493122").PN. OR ("5574284").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/07 15:16
S99	1	S98 and ("non-avalanche") or (non adj avalanche))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 15:18
S100	14	(("non-avalanche") or (non adj avalanche) or avalanche) and (reduc\$4 adj noise) and scintillator and CCD	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 15:20
S101	4	(("non-avalanche") or (non adj avalanche) or avalanche) and (reduc\$4 adj noise) and scintillator and CCD and cooling	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 15:21
S102	34	(("non-avalanche") or (non adj avalanche) or avalanche) and (reduc\$4 adj noise) and (screen or scintillator) and CCD and cooling	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 15:33

S10 3	24	("4303860"   "4323925"   "4445117"   "4852137"   "4970398"   "5072591"   "5142557"   "5159455"   "5197294"   "5216250"   "5235184"   "5533087"   "5550380"   "5550386"   "5551244"   "5596200"   "5604781"   "5617461"   "5693948"   "5974215").PN. OR ("6448544").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/07 15:25
S10 4	6	S102 and lens adj array	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 15:28
S10 5	15	("4104516"   "4142213"   "4365269"   "4393410"   "4400734"   "4442537").PN. OR ("4503460").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/07 15:32
S10 6	34	(US-20020070349-\$).did. or (US-4142101-\$ or US-4503460-\$ or US-5138642-\$ or US-5235191-\$ or US-5377253-\$ or US-5412705-\$ or US-5438604-\$ or US-5559849-\$ or US-5723865-\$ or US-5878107-\$ or US-5970115-\$ or US-6192105-\$ or US-6215848-\$ or US-6226351-\$ or US-6314160-\$ or US-6437339-\$ or US-6151382-\$ or US-6180946-\$ or US-5866907-\$ or US-6946665-\$ or US-5574284-\$ or US-6496309-\$ or US-6627897-\$ or US-5023896-\$).did. or (US-4901337-\$ or US-5377253-\$ or US-5723865-\$ or US-5864146-\$ or US-5970115-\$ or US-6031892-\$ or US-6192105-\$ or US-6215848-\$ or US-6226351-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/12/07 15:32
S10 7	68	S106(("non-avalanche") or (non adj avalanche) or avalanche) and (reduc\$4 adj noise) and (screen or scintillator) and CCD and cooling	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 15:33
S10 8	0	S106 and (("non-avalanche") or (non adj avalanche) or avalanche) and (reduc\$4 adj noise) and (screen or scintillator) and CCD and cooling	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 15:33
S10 9	0	S106 and (("non-avalanche") or (non adj avalanche) or avalanche) and (reduc\$4 adj noise)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 15:33

S11 0	1	S106 and (("non-avalanche") or (non adj avalanche) or avalanche) and (screen or scintillator) and CCD and cooling	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 15:37
S11 1	1	S106 and (avalanche) and (low same photon) and (screen or scintillator) and CCD and cooling	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 15:38
S11 2	34	(US-20020070349-\$).did. or (US-4142101-\$ or US-4503460-\$ or US-5138642-\$ or US-5235191-\$ or US-5377253-\$ or US-5412705-\$ or US-5438604-\$ or US-5559849-\$ or US-5723865-\$ or US-5878107-\$ or US-5970115-\$ or US-6192105-\$ or US-6215848-\$ or US-6226351-\$ or US-6314160-\$ or US-6437339-\$ or US-6151382-\$ or US-6180946-\$ or US-5866907-\$ or US-6946665-\$ or US-5574284-\$ or US-6496309-\$ or US-6627897-\$ or US-5023896-\$).did. or (US-4901337-\$ or US-5377253-\$ or US-5723865-\$ or US-5864146-\$ or US-5970115-\$ or US-6031892-\$ or US-6192105-\$ or US-6215848-\$ or US-6226351-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/12/07 15:39
S11 3	0	S112 and (quantum adj limit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 15:41
S11 4	10	S112 and quantum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 15:47
S11 5	18	"648544"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 15:48
S11 6	7	"6448544"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 15:48
S11 7	1	"6448544" and (gain or multip\$4) and avalanche and (scintillator or screen)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 17:27
S11 8	0	"6448544" and (pixel adj frame)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 16:01

S11 9	3	"6448544" and (pixel same frame)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 16:41
S12 0	3	"6448544" and (pixel same frame) and transfer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 16:13
S12 1	0	"6448544" and lens adj array	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 16:13
S12 2	1	"6180946" and quantum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 16:18
S12 3	0	"6448544" and lens adj array	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 16:45
S12 4	2	S112 and (lens adj array)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/07 16:41